

PUMP AND METHOD OF PUMP CONTROL

Abstract

A pump includes a motor and a motor control in operative connection with the motor. The motor control provides energy input to the motor to drive the motor and receives feedback from the motor of motor function. The motor control includes a motor control protocol that controls the energy input to the motor based upon the feedback received from the motor. The motor control protocol causes a rapid increase in energy provided to the motor if motor feedback indicates an unusual load on the motor.